

City of Mississauga  
**Corporate Report**



Date: February 13, 2023

To: Chair and Members of General Committee

From: Geoff Wright, P.Eng, MBA, Commissioner of  
 Transportation and Works

Originator's files:  
 RT.10.ZVAR

Meeting date:  
 March 8, 2023

## Subject

**Traffic Calming – Ward 1, Ward 2, Ward 3, and Ward 8**

## Recommendation

1. That the report from the Commissioner of Transportation and Works, dated February 13, 2023 and entitled "Traffic Calming – Ward 1, Ward 2, Ward 3, and Ward 8" be approved.
2. That the report from the Commissioner of Transportation and Works, dated February 13, 2023 and entitled "Traffic Calming – Ward 1, Ward 2, Ward 3 and Ward 8" be referred to the Mississauga Traffic Safety Council, Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

## Executive Summary

- Kendall Road, Rometown Drive, Stanfield Road, Stavebank Road, Orr Road, Meadow Wood Road, Park Royal neighbourhood, Constitution Boulevard, Queen Frederica Drive, Golden Orchard Drive, and Bay Villa Avenue are being recommended for the installation of traffic calming.
- Majority support was received from each community as part of the consultation process for each of the recommended traffic calming locations.
- Funds allocated from the 2021 Traffic Calming Program Capital budget are being utilized for Meadow Wood Road and Seagull Drive (part of Park Royal neighbourhood).
- Funds allocated from Special Project Funding for Ward 1, Ward 2, Ward 3, and Ward 8 are being utilized for Kendall Road, Rometown Drive, Stanfield Road, Stavebank Road, Orr Road, Park Royal neighbourhood (Bonner Road, Bromsgrove Road, Brookhurst Road, Lewisham Drive), Constitution Boulevard, Queen Frederica Drive, Golden Orchard Drive, and Bay Villa Avenue.
- No concerns have been raised from emergency services or MiWay regarding the proposed traffic calming measures.

## Background

The Traffic Services and Road Safety Section regularly conducts reviews regarding speeding, aggressive driving, and traffic infiltration on City roadways to determine if physical traffic calming measures are warranted based on the City's Traffic Calming Policy (10-09-03).

In 2022, staff worked in consultation with the local Ward Councillors in Wards 1, 2, 3 and 8, who identified locations within their respective wards as needing physical traffic calming measures. These identified locations would be prioritized and funded through the Special Project Ward Funding. Two of the locations were identified and prioritized by staff to be funded through the 2021 Traffic Calming Capital Budget. The following traffic calming locations were identified:

- Kendall Road between Dixie Road and Harvest Drive (Appendix 1)
- Rometown Drive between Dixie Road and Park Royal Boulevard (Appendix 2)
- Stanfield Road between Queensway East and Henley Road (Appendix 3)
- Stavebank Road between Indian Valley Trail and Rosemere Road (Appendix 4)
- Orr Road and Meadow Wood Road neighbourhood (Appendix 5)
- Park Royal neighbourhood includes Bonner Road, Bromsgrove Road, Brookhurst Road, Lewisham Drive, and Seagull Drive (Appendix 6)
- Constitution Boulevard and Queen Frederica Drive neighbourhood (Appendix 7)
- Golden Orchard Drive between Bloor Street and Dixie Road (Appendix 8)
- Bay Villa Avenue between Metcalfe Avenue and Credit Valley Road (Appendix 9)

The results of the most recent speed reviews at each of the above locations are as follows:

<b>Kendall Road</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Rambo Road and Watson Orchard Road	40	37

<b>Rometown Drive</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Kenneth Drive and Marionville Drive	40	53

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<b>Stanfield Road</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Greening Avenue and Melton Drive	40	60

<b>Stavebank Road</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Mineola Road West Webster's Lane	40	53
Between Kenollie Avenue and Mineola Road West	40	42
Between Indian Valley Trail/Pinetree Crescent and Kenollie Avenue	40	50

<b>Orr Road</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Clarkson Road South and Meadow Wood Road	40	60
Between Clarkson Road South and Fletcher Valley Crescent	40	61
Between Iverhouse Drive and Southdown Road	40	61

<b>Meadow Wood Road</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Green Glade and Sheridan Creek	40	63
Between Sheridan Creek and Petrie Way	40	57
Between Petrie Way and Lakeshore Road west	40	55

<b>Park Royal Neighbourhood Roadways</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Bonner Road between Sheridan Creek and Hobbs Crescent (west intersection)	40	48

Bromsgrove Road between Constable Road and Playford Road	30	54
Bromsgrove Road between Playford Road and Tredmore Drive	30	51
Bromsgrove Road between Tredmore Drive and 2440 Bromsgrove Road	30	54
Brookhurst Road between Sheridan Creek and Bostock Crescent	40	49
Brookhurst Road between Nigel Road and Seagull Drive	40	49
Brookhurst Road between Kelly Road and Seagull Drive	40	50
Lewisham Drive between Truscott Drive and 1450 Lewisham Drive	30	54
Lewisham Drive between 1450 Lewisham Drive and Bonner Road	30	50
Seagull Drive Between Bostock Crescent and Hillside Park Trail	40	50
Seagull Drive Between Hillside Park Trail and Seagull Drive	40	59

<b>Constitution Boulevard</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Homeric Drive and Vera Cruz Drive	40	53
Between Leilani Drive and Sierra Boulevard	40	49
Between Dundas Street East and Leilani Drive	40	48

<b>Queen Frederica Drive</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Dundix Road and Applewood Trail	40	50
Between Applewood Trail and Gripsholm Road	40	54

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Between Kingsholm Drive and Westerdam Road	40	47
Between Bloor Street and Sylvania Drive	40	52

<b>Golden Orchard Drive</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Cedartree Crescent and Grassfire Crescent	40	44
Between Grassfire Crescent and Lonefeather Crescent	40	51

<b>Bay Villa Avenue</b>	<b>Posted Speed (km/h)</b>	<b>85th Percentile Speed (km/h)</b>
Between Credit Valley Road/Radisson Crescent and Metcalfe Avenue	40	45

## Comments

Once candidates for the installation of physical traffic calming measures are identified, preliminary plans for the neighbourhood were developed. Staff considered different types of traffic calming devices and overall roadway characteristics to achieve operating speeds, which are consistent with the posted speed limit. These factors include traffic calming type, spacing, layout and impacts the installation of physical traffic calming devices may have on local residents and City services.

### Public Consultation

To determine the level of support and to refine the traffic calming plan for the neighbourhood, notification of the proposed projects was sent to area residents. The traffic calming presented to the locally impacted residents who were provided the opportunity to provide feedback and vote on their support for the proposed plan. The results of the virtual public engagement consultations are as follows:

- Kendall Road:
  - 100% of respondents were supportive of the proposed measures along Kendall Road. These measures include a series of speed cushions that will be installed between Dixie Road and Harvest Drive.

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- Rometown Drive:
    - 89% of respondents were supportive of the proposed measures along Rometown Drive. These measures include a series of speed cushions that will be installed between Dixie Road and Park Royal Boulevard.
  - Stanfield Road:
    - 87% of respondents were supportive of the proposed measures along Stanfield Road. These measures include a series of speed cushions that will be installed between Queensway East and Henley Road.
  - Stavebank Road:
    - 82% of respondents were supportive of the proposed measures along Stavebank Road. These measures include a series of speed cushions that will be installed between Indian Valley Trail and Rosemere Road.
  - Orr Road:
    - 61% of respondents were supportive of the proposed measures along Orr Road. These measures include a series of speed cushions that will be installed between Southdown Road and Meadow Wood Road and, an all-way stop that will be installed at the intersection of Orr Road and Inverhouse Drive.
  - Meadow Wood Road:
    - 57% of respondents were supportive of the proposed measures along Meadow Wood Road. These measures include a series of speed cushions and flexible bollards that will be installed between Lakeshore Road West and Orr Road.
  - Park Royal Neighbourhood:
    - 56% of respondents were supportive of the proposed measures along Bromsgrove Road. These measures include a series of split speed humps, one raised crossing at the planned pedestrian crossing that will be installed between Widemarr Road and Sheridan Creek and, an all-way stop that will be installed at the intersection of Bromsgrove Road and Playford Road.
    - 54% of respondents were supportive of the proposed measures along Brookhurst Road. These measures include a series of speed cushions that will be installed between Tredmore Drive and Lewisham Drive.
    - 53% of respondents were supportive of the proposed measures along Seagull Drive. These measures include a series of speed cushions and a raised crossing that will be installed between Truscott Drive and Brookhurst Road.
    - 56% of respondents were supportive of the proposed measures along Lewisham Drive. These measures include a series of speed cushions that will be installed between Bonner Road and Truscott Drive.

- 54% of respondents were supportive of the proposed measures along Bonner Road. This measure include a raised crossing that will be installed between Hobbs Crescent (west intersection) and Padstow Crescent (east intersection).
- Constitution Boulevard:
  - 53% of respondents were supportive of the proposed measures along Constitution Boulevard. These measures include a series of speed cushions and a raised crossing that will be installed between Flagship Drive and Dundas Street East.
- Queen Frederica Drive:
  - 51% of respondents were supportive of the proposed measures along Queen Frederica Drive. These measures include a series of speed cushions and a raised crossing that will be installed between Bloor Street and Dundas Street East.
- Golden Orchard Drive:
  - 67% of respondents were supportive of the proposed measures along Golden Orchard Drive. These measures include a series of split speed humps that will be installed between Bloor Street and Dixie Road.
- Bay Villa Avenue:
  - 98% of respondents were supportive of the proposed measures along Bay Villa Avenue. These measures include a series of speed cushions that will be installed between Metcalfe Avenue and Credit Valley Road.

Majority support was received from local residents at all locations listed above. Based on the results of the public consultation, staff recommend proceeding with the implementation of physical traffic calming measures as outlined above.

Staff provided the revised concept plans to all emergency services and MiWay and no concerns have been raised regarding the proposed traffic calming.

## Financial Impact

As per the motion passed at Council in May 2019, funding in the amount of \$2,000,000.00 per ward was established for the special infrastructure projects, to be allocated at the discretion of each ward councillor.

The following traffic calming projects are to be funded by the Special Project Ward Funding as outlined below:

Project	Estimate	PN#	
Kendall Road	\$15,000.00	B22199	Ward 1
Rometown Drive	\$15,000.00		
Stanfield Road	\$22,500.00		
Stavebank Road	\$30,000.00		
Orr Road	\$45,000.00	E21199	Ward 2
Park Royal Neighbourhood (roadways include Bonner Road, Bromsgrove Road, Brookhurst Road, and Lewisham Drive)	\$167,500.00		
Constitution Boulevard/Queen Frederica Drive Neighbourhood	\$87,500.00	A22199	Ward 3
Golden Orchard Drive	\$30,000.00		
Bay Villa Avenue	\$22,500.00	C22199	Ward 8

The estimated cost associated with the remaining two traffic calming projects identified by staff on Meadow Wood Road and Seagull Drive is \$67,500.00. This can be accommodated within the Traffic Calming Program capital projects 21199 and 22199.

## Conclusion

Through consultation with the Ward Councillors and local residents, staff are recommending the installation of physical traffic calming measures on Kendall Road, Rometown Drive, Stanfield Road, Stavebank Road, Orr Road, Meadow Wood Road, Park Royal neighbourhood, Constitution Boulevard, Queen Frederica Drive, Golden Orchard Drive, and Bay Villa Avenue.



## Attachments

Appendix 1: Location Map – Kendall Road between Dixie Road and Harvest Drive (Ward 1)

Appendix 2: Location Map – Rometown Drive between Dixie Road and Park Royal Boulevard (Ward 1)

Appendix 3: Location Map – Stanfield Road between Queensway East and Henley Road (Ward 1)

Appendix 4: Location Map – Stavebank Road between Indian Valley Trail and Rosemere Road (Ward 1)

Appendix 5: Location Map – Orr Road and Meadow Wood Road Neighbourhood (Ward 2)

Appendix 6: Location Map – Park Royal Neighbourhood (Ward 2)

Appendix 7: Location Map – Constitution Boulevard and Queen Frederica Drive Neighbourhood (Ward 3)

Appendix 8: Location Map – Golden Orchard Drive between Bloor Street and Dixie Road (Ward 3)

Appendix 9: Location Map – Bay Villa Avenue between Metcalfe Avenue and Credit Valley Road (Ward 8)



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Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

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